

FIG. 1

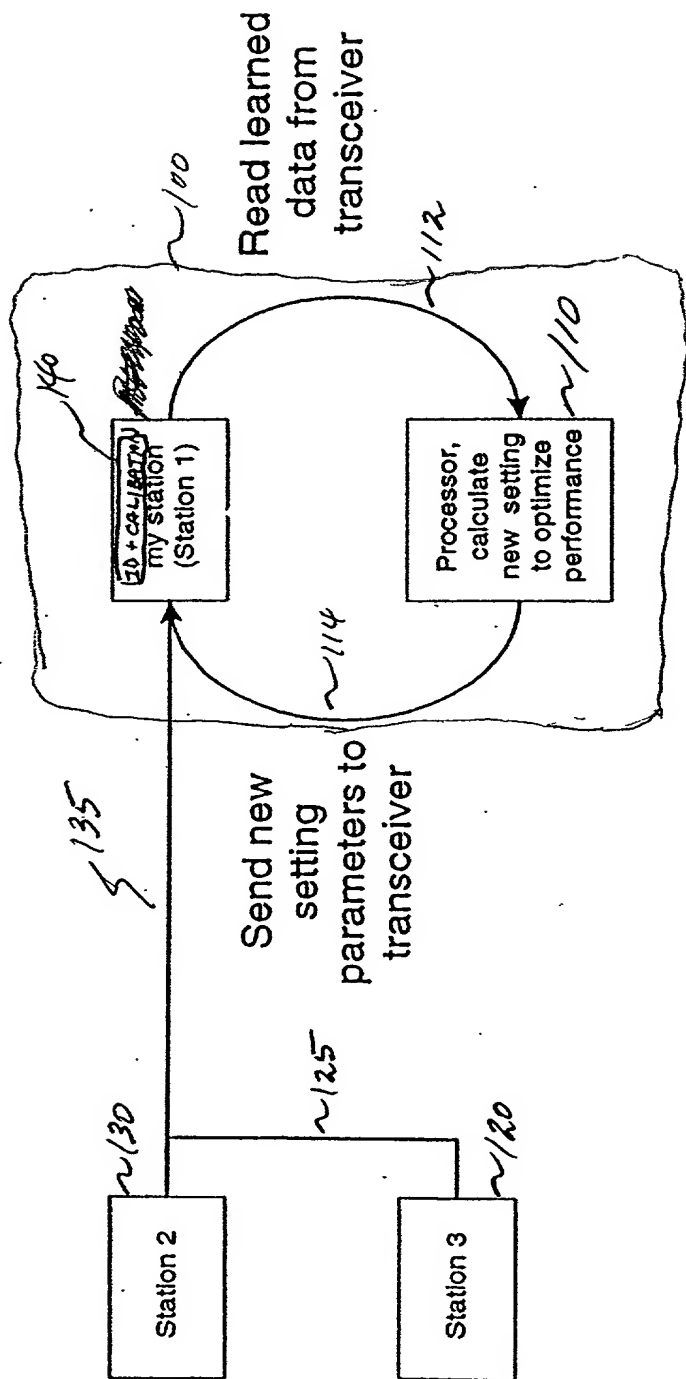


Fig. 2

START

200

station 2 transmitting  
test signal  
other stations off

change a station to  
transmitting  
other stations off

290

270

write the new rx parameters  
into station 1

210

station 1 receiving  
the test signal

220

read tx station ID  
and rx output data into  
processor(PC, DSP, etc)

2230

processor analyse the data

240

is there room to  
improve  
performance?

yes

260

calculate new rx parameters

no

2250

report on:  
channel properties  
noise environment  
maximal data rate

yes

280

learn other station?

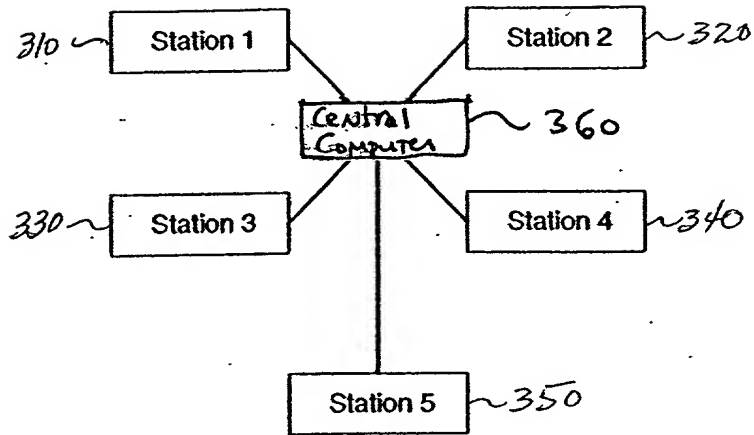
no

end

300

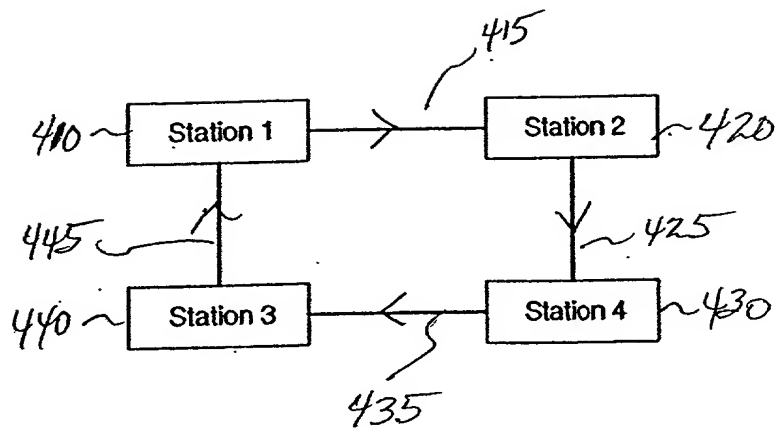
FIG. 3

FIG. 3 is a flowchart illustrating a process for optimizing station performance. The process begins at a START node, leading to a block (200) where station 2 transmits a test signal and other stations are off. This is followed by a block (210) where station 1 receives the test signal. Then, a block (220) shows reading the tx station ID and rx output data into a processor (PC, DSP, etc). A block (2230) shows the processor analyzing the data. A decision diamond (240) asks if there is room to improve performance. If yes, a block (260) calculates new rx parameters, which are then written into station 1 (270). If no, a block (2250) reports on channel properties, noise environment, and maximal data rate. A decision diamond (280) asks if there is room to learn other stations. If yes, a block (290) changes a station to transmitting and other stations off, looping back to block (200). If no, the process ends at block (300).



(PRIOR ART)

FIG. 4



(PRIOR ART)

FIG. 5